

**WHAT IS CLAIMED IS:**

1. A method for exchanging online data information messages between at least two computer terminal nodes through data communication networks, wherein said data information message include a definition of online information data structure and query syntax, and at least one terminal node is enabled to create said data information message by defining said data query, data information navigation techniques and information representation methods, wherein all terminals are enabled browsing and navigating through online data results and their graphical representation based on said information message definition wherein the data is retrieved from at least one common database.
2. The method of claim 1 wherein the information navigation techniques include sorting, filtering, On-Line Analytical Processing (OLAP) operations and data-mining or data-warehousing techniques wherein logical equations can be used as basis for any of said navigation techniques.
3. The method of claim 1 wherein the information representation methods include summarized representation forms in format of: a graph, a map, or a summary table and detailed representation form in format of data records table.
4. The method of claim 1 wherein the creation of data information message is processed by human editors.
5. The method of claim 1 wherein the creation of data information message is processed by data management application.
6. The method of claim 1 wherein the data information message transmission is preformed via wired electronic data message exchange communication platform.

7. The method of claim 1 wherein the data message information transmission is preformed via wireless electronic data message exchange communication platform.
8. The method of claim 1 wherein the computerized terminals are further enabled to perform online analytical or statistical manipulations or calculations of the data information.
9. The method of claim 1 wherein the users are enabled to create modified information messages by manipulating the original received message said manipulation including any analytical or statistical calculations, applying information navigation techniques, creation of new graphical representation of the data query result and emphasis of parts of the information data.
10. The method of claim 1 wherein each data information message is recorded with an identifying unique ID, original message ID and are classified within at least one database.
11. The method of claim 10 wherein for each data information message is a defined authentication list including all terminal or user addresses which are allowed to receive said message wherein said list has organized structure representing classified group addresses.
12. The method of claim 11 wherein users which are excluded from a specific classified group are denied from browsing old information messages which they received as part of this specific group.
13. The method of claim 10 wherein for each data information message is a defined distribution list including destined terminal or user addresses wherein said list has organized structure representing classified group addresses.

14. The method of claim 10 wherein for each data information message are defined security encoding parameters, which define access rules for all terminal or user addresses.
15. The method of claim 10 wherein for each data information message are defined cost policy rules which determine the costs of retrieving respective information message, navigating said information message, changing representation method of said information message or forwarding said information message.
16. The method of claim 1 wherein data information messages are created in advance according to predefined queries (and manipulations) and are available from at least one communication node, organized according to predefined categories.
17. The method of claim 16 wherein the users are enabled to search for created/available information messages and request there off.
18. The method of claim 16 wherein user are enabled to request for specific created/available information messages and receiving there off.
19. The method of claim 1 wherein the information messages further include text and files, maintaining the information data structure and graphical representation properties.
20. The method of claim 1 further comprising the ability to automatically change the representation formats and navigation techniques of an information message in accordance to browsing capabilities of the receiving terminal node.

21. The method of claim 1 wherein the information message further comprises hyperlinks for relevant information not included within the respective database of the original information message.
22. The method of claim 1 wherein the information message further comprises advertisements wherein the advertisement content is online updated in accordance to the information message content and the navigation operations applied by the user.
23. The method of claim 1 wherein the information provider is enabled to set schedule for retransmission of a specific information messages.
24. The method of claim 1 wherein the information provider is enabled to set alert definition for transmission of a specific information messages upon occurrence of specific events.
25. The method of claim 1 wherein the information message as browsed by each user appears at the same presentations formats as were defined by the sender (the last user in the messaging chain) wherein the same navigation techniques are applied as were defined by the sender.
26. The method of claim 1 wherein the method is implemented as part of any information system, any communication platform or any software application.
27. The method of claim 1 wherein the computerized terminals are portable or stationary computerized devices.
28. The method of claim 1 wherein the computerized terminals are wireless computerized devices.

29. The method of claim 10 wherein a data information message is a combination of existing data information messages.
30. The method of claim 10 wherein a data information message further contains comments of each user for each of one of the records, which are included in the message query result.
31. The method of claim 11 wherein the authentication checkup is preformed each time the information message is browsed preventing users which their authentication has expired to browse information message which were defined at the period they were authorized.
32. The method of claim 10 wherein the information messages are transmitted in an offline mode maintaining the information data structure and graphical representation properties.
33. A data communication system for exchanging data information messages between at least two computer terminal nodes through data communication network wherein said data information message is a result of online data query retrieved from at least one common database, said system comprised of:
  - data processing application which enable at least one terminal node to create said data information message by defining a data query syntax, navigation techniques to be applied on query results and information representations methods;
  - Data browsing application enabling computer terminal nodes to browse and navigate through said data results and their graphical representation retrieved and manipulated according to the definitions of the information message.

- Data exchanging application enabling computer terminal nodes to send & save the current state of the filtered information message according to the definitions of the information message
- Information messages database wherein each message is identified by unique ID code, and classifying ID codes.
- Data management application enabling storage and retrieval of information messages where the messages are classified according defined categories.

34. The system of claim 33 wherein the information navigation techniques include sorting, filtering, On-Line Analytical Processing (OLAP) operations and data-mining or data-warehousing techniques wherein logical equations can be used as basis for any of said navigation techniques.

35. The system of claim 33 wherein the information representation methods include summarized representation forms in format of: a graph, a map, or a summary table and detailed representation form in format of data records table.

36. The system of claim 33 wherein the data information message transmission is preformed via wired electronic data message exchange communication system.

37. The system of claim 33 wherein the data information message transmission is preformed via wireless electronic data message exchange communication system .

38. The system of claim 33 wherein the data processing application further enables performing online analytical or statistical manipulation or calculations of the data information.

39. The system of claim 33 wherein the data processing application further enable end users to create modified information messages by manipulating the original received message; said manipulation including any analytical or statistical calculations, applying information navigation techniques, creation of new graphical representation of the data query result and emphasizing parts of the information data.
40. The system of claim 33 wherein for each data information message is defined authentication list including all terminal or users addresses which are allowed to receive said message, wherein said list has organized structure representing classified group addresses.
41. The system of claim 40 wherein users which are excluded from a specific classified group are denied from browsing old information messages which they received as part of this specific group.
42. The system of claim 33 wherein for each data information message is defined distribution list including destined terminal or user addresses wherein said list has organized structure representing classified group addresses.
43. The system of claim 33 wherein for each data information message is defined security encoding parameters which define access rules for all terminal or users addresses.
44. The system of claim 33 wherein the data information messages are created in advance according to predefined queries (and manipulations) and are available at least one communication node, organized according to predefined categories.
45. The system of claim 44 wherein the users are enabled to search for created/available information messages and request there off.

46. The system of claim 44 wherein user are enabled to request for specific created/available information messages and receiving there off.
47. The system of claim 33 wherein the information messages are transmitted in an offline mode maintaining the information data structure and graphical representation properties.
48. The system of claim 33 wherein for each data information message are defined cost policy rules which determine the costs of retrieving respective information message, navigating said information message or forwarding said information message.
49. The system of claim 33 wherein the information messages further include text and files, maintaining the information data structure and graphical representation properties.
50. The system of claim 33 further comprising the ability to automatically change the representation formats and navigation techniques of an information message in accordance to browsing capabilities of the receiving terminal node.
51. The system of claim 33 wherein the information message further comprises hyperlinks for relevant information not included within the respective database of the original information message.
52. The system of claim 40 wherein the authentication checkup is preformed each time the information message is browsed preventing users which their authentication has expired to browse information message which were defined at the period they were authorized.

53. The system of claim 33 wherein the information message further comprises advertisements wherein the advertisement content is online updated in accordance to the information message content and the navigation operations applied by the user.
54. The system of claim 33 further comprising a scheduler module wherein the information provider is enabled to set schedule for retransmission of a specific information messages.
55. The system of claim 33 further comprising an alert module wherein the information provider is enabled to set alert definition for transmission of a specific information messages upon occurrence of specific events.
56. The system of claim 33 wherein the information message as browsed by each user appears at the same presentations formats as were defined by the sender (the last user in the messaging chain) wherein the same navigation techniques are applied as were defined by the sender.
57. The system of claim 33 wherein the system is implemented as integral part of any information system , any communication platform or any application.
58. The system of claim 33 wherein the computerized terminals are portable or stationary computerized devices.
59. The system of claim 33 wherein the computerized terminals are wireless computerized devices.
60. The system of claim 33 wherein the computerized terminal is an interactive TV, touch screen or any electronic screens.

61. The method of claim 1 wherein the computerized terminal is an interactive TV, touch screen or any electronic screens.
62. The system of claim 33 wherein a data Information Message is a combination of existing Information Messages.
63. The system of claim 33 wherein a data information message further contains comments of each user for each of one of the records, which are included in the message query result.
64. The method of claim 10 wherein a data information message can be sent to an application addressee where the data of the highlighted records, marked by the sender, will be transferred to it for a later transaction.
65. The system of claim 33 wherein a data information message can be sent to an application addressee where the data of the highlighted records, marked by the sender, data will be transferred to it for a later transaction.